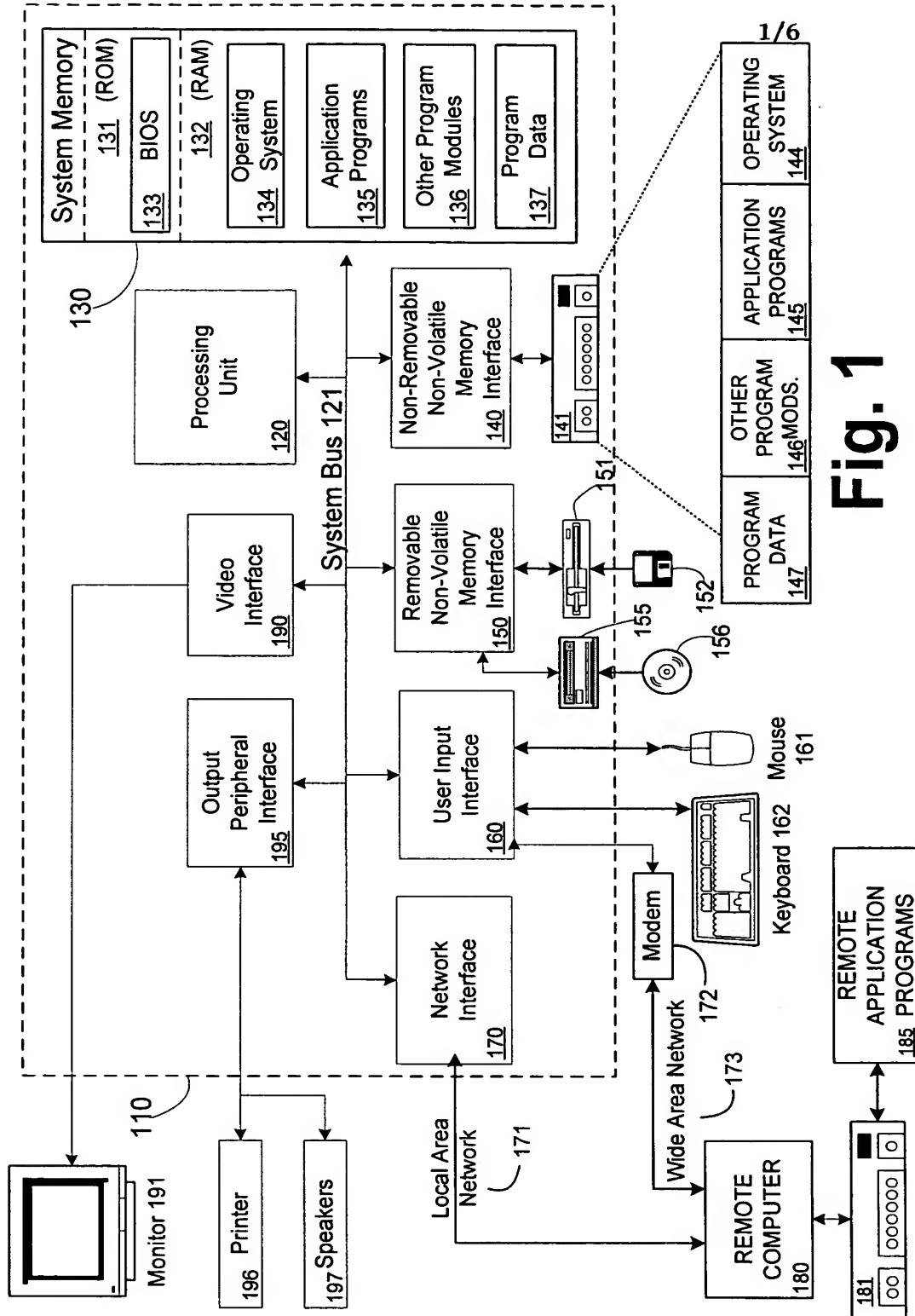
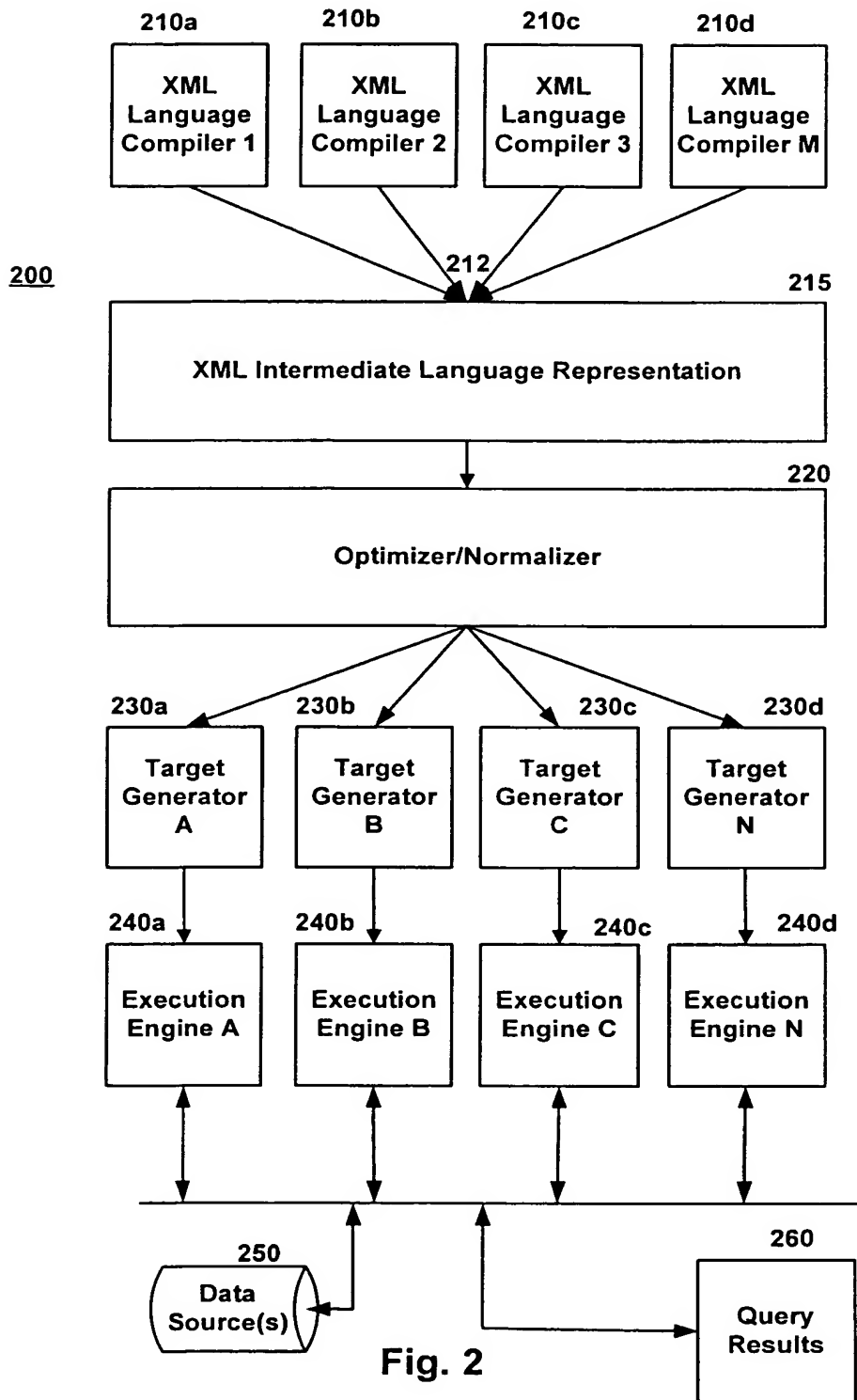


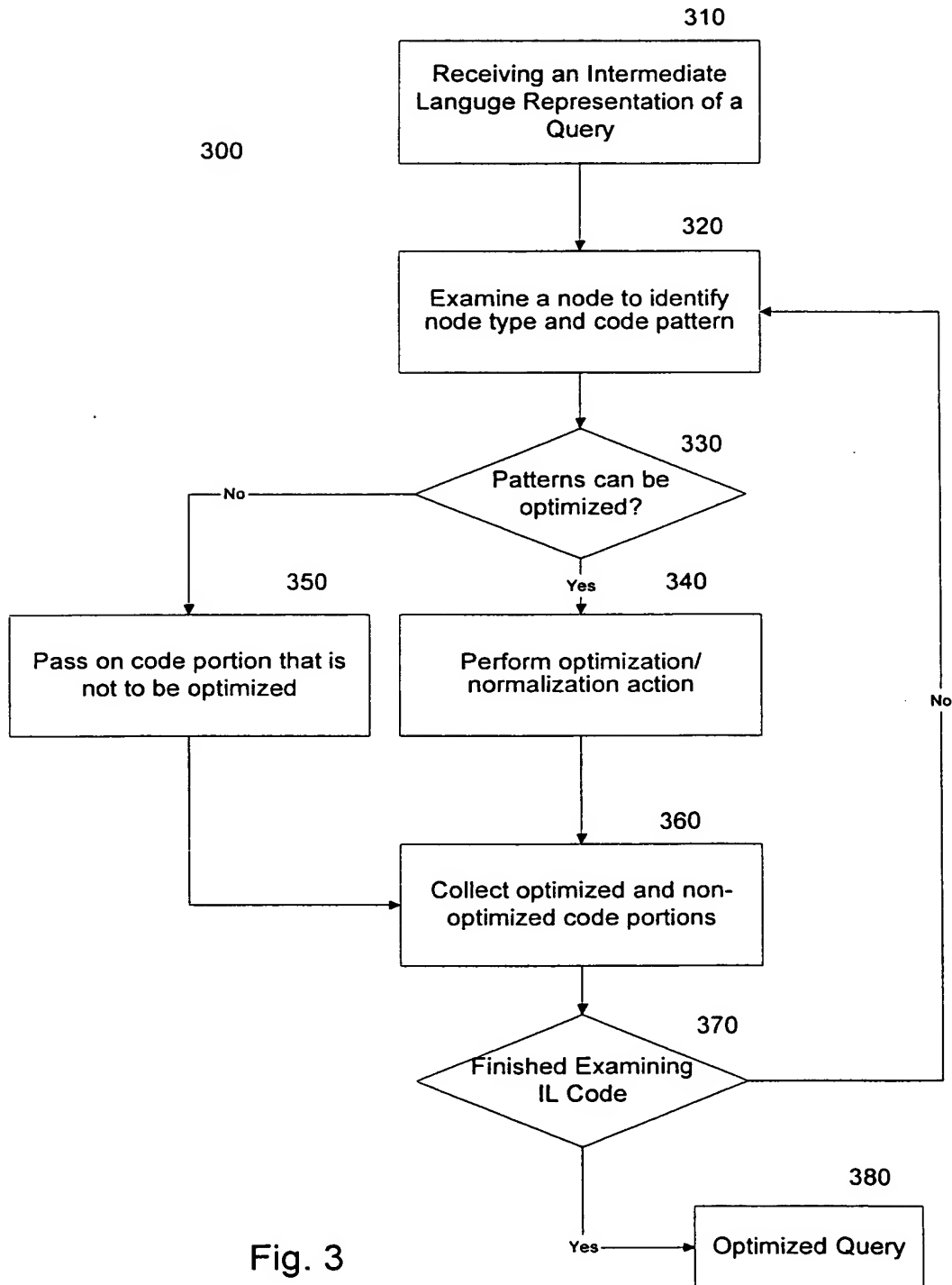
# Computing Environment 100



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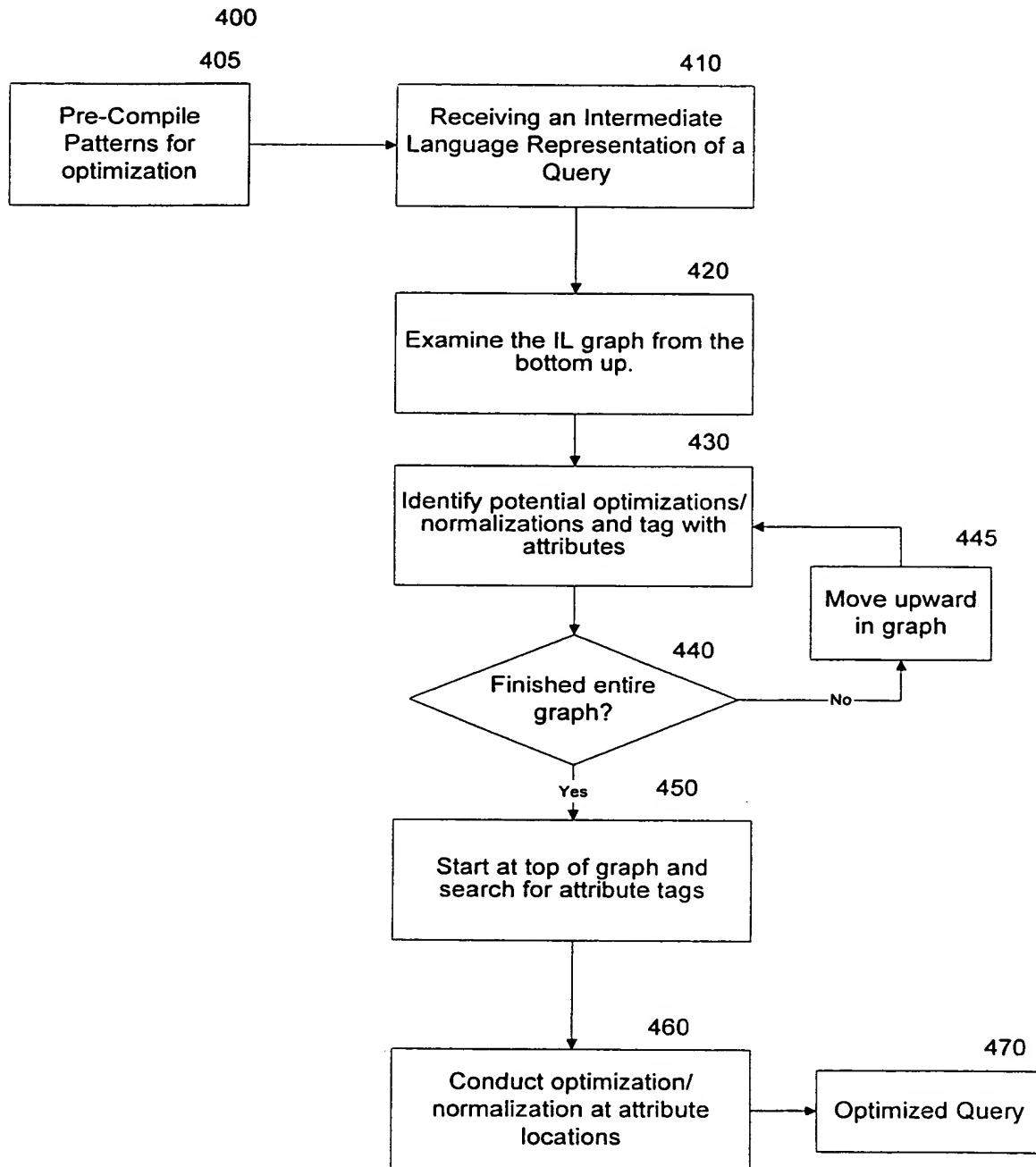


Fig. 4

510

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520

```

<Qil>
  <DocOrderDistinct>
    <Tuple>
      <For id="$a">
        <Content>
          <XmlContext />
        </Content>
      </For>
      <And>
        <IsType>
          <TargetType>One;Node;None;
          Element;True</TargetType>
          <RefTo id="$a" />
        </IsType>
        <Eq>
          <NameOf>
            <RefTo id="$a" />
          </NameOf>
          <LiteralQName local-name="a"/>
        </Eq>
      </And>
    </Tuple>
    <For id="$b">
      <Content>
        <RefTo id="$a" />
      </Content>
    </For>
    <And>
      <IsType>
        <TargetType>One;Node;
        None;Element;True</TargetType>
        <RefTo id="$b" />
      </IsType>
      <Eq>
        <NameOf>
          <RefTo id="$b" />
        </NameOf>
        <LiteralQName local-name="b"/>
      </Eq>
    </And>
    <Tuple>
      <For id="$c">
        <Parent>
          <RefTo id="$b" />
        </Parent>
      </For>
      <True />
      <RefTo id="$c" />
    </Tuple>
  </DocOrderDistinct>
</Qil>
  
```

```

<Qil>
  <DocOrderDistinct>
    <Tuple>
      <For id="$a">
        <Content>
          <XmlContext />
        </Content>
      </For>
      <And>
        <IsType>
          <TargetType>One;Node;None;
          Element;True</TargetType>
          <RefTo id="$a" />
        </IsType>
        <Eq>
          <NameOf>
            <RefTo id="$a" />
          </NameOf>
          <LiteralQName local-name="a"/>
        </Eq>
      </And>
      <Not>
        <IsEmpty>
          <Tuple>
            <For id="$b">
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                <RefTo id="$a" />
              </Content>
            </For>
            <And>
              <IsType>
                <TargetType>One;Node;
                None;Element;True</TargetType>
                <RefTo id="$b" />
              </IsType>
              <Eq>
                <NameOf>
                  <RefTo id="$b" />
                </NameOf>
                <LiteralQName local-
                name="b" />
              </Eq>
            </And>
            <RefTo id="$b" />
          </Tuple>
        </IsEmpty>
      </Not>
    </And>
    <RefTo id="$a" />
  </Tuple>
</DocOrderDistinct>
</Qil>
  
```

515

525

Fig. 5

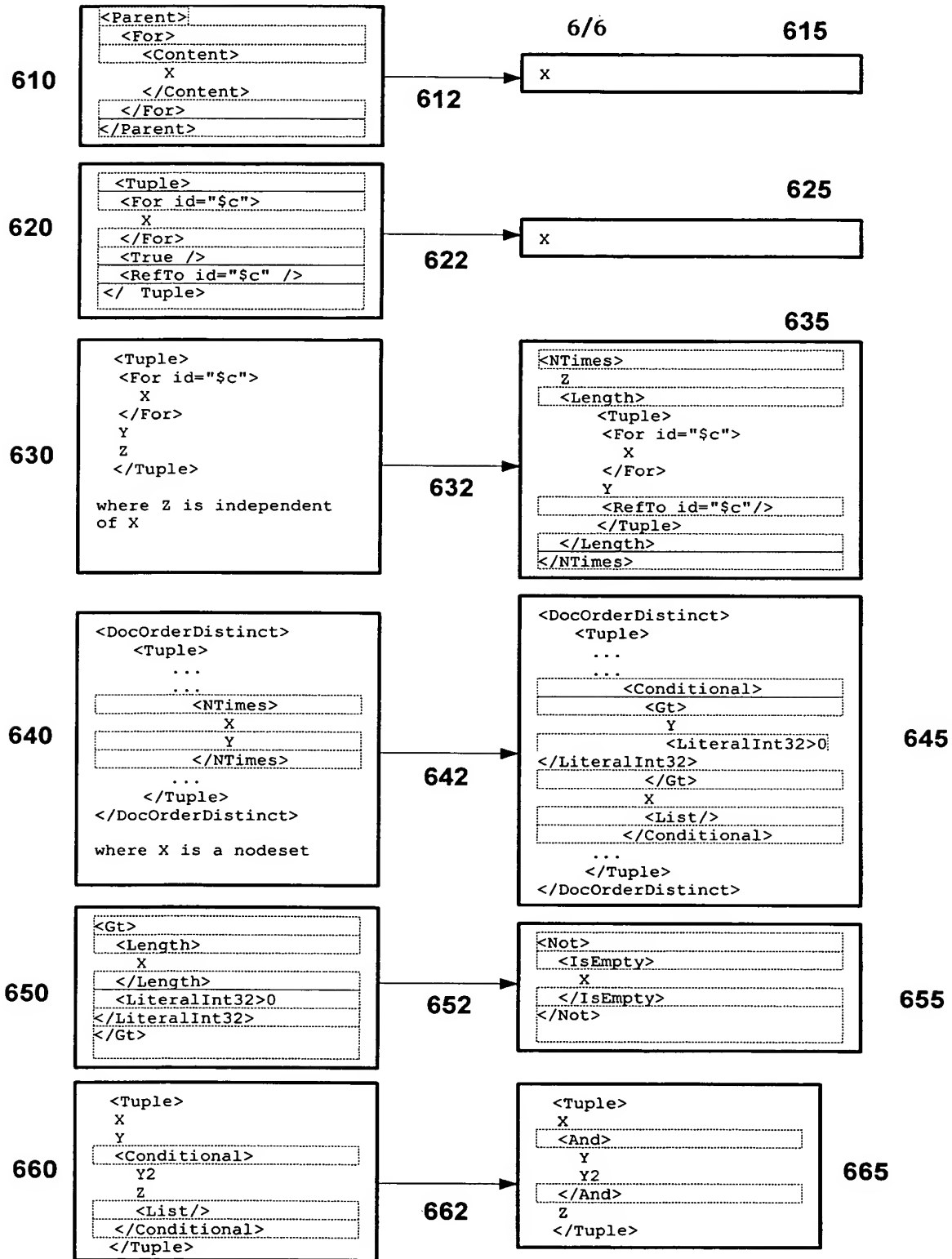


Fig. 6